

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG063020\  
Data File : FG006990.D  
Signal(s) : FID1A.ch  
Acq On : 30 Jun 2020 17:31  
Sample : L3157-01 5X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG061520.M  
Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.382       | 2.352        | 2.436      | BH       | 172            | 3066         | 0.07%          | 0.002%        |
| 2         | 2.455       | 2.436        | 2.475      | HH       | 115            | 1305         | 0.03%          | 0.001%        |
| 3         | 2.483       | 2.475        | 2.516      | PH       | 89             | 1413         | 0.03%          | 0.001%        |
| 4         | 2.532       | 2.516        | 2.567      | HH       | 120            | 2548         | 0.06%          | 0.001%        |
| 5         | 2.586       | 2.567        | 2.615      | PH       | 221            | 3261         | 0.08%          | 0.002%        |
| 6         | 2.628       | 2.615        | 2.685      | HH       | 472            | 6481         | 0.16%          | 0.004%        |
| 7         | 2.701       | 2.685        | 2.758      | PH       | 66             | 1523         | 0.04%          | 0.001%        |
| 8         | 2.765       | 2.758        | 2.798      | PH       | 33             | -287         | -0.01%         | -0.000%       |
| 9         | 2.809       | 2.798        | 2.834      | PH       | -22            | -233         | -0.01%         | -0.000%       |
| 10        | 2.854       | 2.834        | 2.904      | PH       | 433            | 3667         | 0.09%          | 0.002%        |
| 11        | 2.916       | 2.904        | 2.925      | PH       | 25             | -106         | -0.00%         | -0.000%       |
| 12        | 2.937       | 2.925        | 2.977      | PH       | 192            | 2732         | 0.07%          | 0.002%        |
| 13        | 2.998       | 2.977        | 3.013      | PH       | 402            | 3040         | 0.07%          | 0.002%        |
| 14        | 3.121       | 3.013        | 3.143      | PH       | 308            | 3474         | 0.08%          | 0.002%        |
| 15        | 3.162       | 3.143        | 3.183      | PH       | 99             | 1060         | 0.03%          | 0.001%        |
| 16        | 3.193       | 3.183        | 3.197      | PH       | 28             | 157          | 0.00%          | 0.000%        |
| 17        | 3.208       | 3.197        | 3.255      | HH       | 134            | 434          | 0.01%          | 0.000%        |
| 18        | 3.258       | 3.255        | 3.269      | PH       | -5             | -416         | -0.01%         | -0.000%       |
| 19        | 3.285       | 3.269        | 3.312      | PH       | -24            | -1221        | -0.03%         | -0.001%       |
| 20        | 3.329       | 3.312        | 3.355      | PH       | 163            | 1653         | 0.04%          | 0.001%        |
| 21        | 3.362       | 3.355        | 3.380      | PH       | 51             | 197          | 0.00%          | 0.000%        |
| 22        | 3.417       | 3.380        | 3.474      | PH       | 134            | -40          | -0.00%         | -0.000%       |
| 23        | 3.527       | 3.474        | 3.555      | PH       | -8             | -4137        | -0.10%         | -0.002%       |
| 24        | 3.563       | 3.555        | 3.575      | PH       | -54            | -992         | -0.02%         | -0.001%       |
| 25        | 3.579       | 3.575        | 3.645      | PH       | -50            | -4488        | -0.11%         | -0.003%       |
| 26        | 3.661       | 3.645        | 3.692      | PH       | -113           | -4137        | -0.10%         | -0.002%       |
| 27        | 3.722       | 3.692        | 3.769      | PH       | 586            | 1426         | 0.03%          | 0.001%        |
| 28        | 3.799       | 3.769        | 3.838      | PH       | -9             | -4939        | -0.12%         | -0.003%       |
| 29        | 3.861       | 3.838        | 3.876      | PH       | -40            | -2865        | -0.07%         | -0.002%       |
| 30        | 3.916       | 3.876        | 3.975      | PH       | 10             | -6773        | -0.16%         | -0.004%       |
| 31        | 3.983       | 3.975        | 3.991      | PH       | -142           | -1454        | -0.03%         | -0.001%       |
| 32        | 4.004       | 3.991        | 4.025      | PH       | -58            | -2295        | -0.06%         | -0.001%       |
| 33        | 4.074       | 4.025        | 4.102      | PH       | 1740           | 10545        | 0.25%          | 0.006%        |
| 34        | 4.119       | 4.102        | 4.132      | PH       | -33            | -1315        | -0.03%         | -0.001%       |
| 35        | 4.180       | 4.132        | 4.208      | PH       | 10             | -2543        | -0.06%         | -0.001%       |
| 36        | 4.245       | 4.208        | 4.379      | PH       | 13395          | 150383       | 3.61%          | 0.086%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 4.387 | 4.379 | 4.421 | PH | -53    | -2234  | -0.05% | -0.001% |
| 38 | 4.438 | 4.421 | 4.482 | PH | 45     | 393    | 0.01%  | 0.000%  |
| 39 | 4.493 | 4.482 | 4.515 | HH | 256    | 1794   | 0.04%  | 0.001%  |
| 40 | 4.525 | 4.515 | 4.532 | PH | -52    | -701   | -0.02% | -0.000% |
|    |       |       |       |    |        |        |        |         |
| 41 | 4.541 | 4.532 | 4.554 | PH | 14     | -567   | -0.01% | -0.000% |
| 42 | 4.570 | 4.554 | 4.582 | PH | 43     | -667   | -0.02% | -0.000% |
| 43 | 4.602 | 4.582 | 4.620 | PH | 282    | 47     | 0.00%  | 0.000%  |
| 44 | 4.645 | 4.620 | 4.678 | PH | 957    | 5942   | 0.14%  | 0.003%  |
| 45 | 4.714 | 4.678 | 4.806 | PH | 801    | 4986   | 0.12%  | 0.003%  |
|    |       |       |       |    |        |        |        |         |
| 46 | 4.833 | 4.806 | 4.859 | PH | 57     | -3415  | -0.08% | -0.002% |
| 47 | 4.876 | 4.859 | 4.902 | PH | -155   | -5004  | -0.12% | -0.003% |
| 48 | 4.909 | 4.902 | 4.922 | PH | -235   | -2712  | -0.07% | -0.002% |
| 49 | 4.942 | 4.922 | 4.971 | PH | -180   | -6733  | -0.16% | -0.004% |
| 50 | 4.984 | 4.971 | 5.018 | PH | -142   | -6233  | -0.15% | -0.004% |
|    |       |       |       |    |        |        |        |         |
| 51 | 5.035 | 5.018 | 5.062 | PH | 315    | 159    | 0.00%  | 0.000%  |
| 52 | 5.088 | 5.062 | 5.153 | PH | -112   | -12094 | -0.29% | -0.007% |
| 53 | 5.186 | 5.153 | 5.196 | PH | -200   | -6837  | -0.16% | -0.004% |
| 54 | 5.201 | 5.196 | 5.214 | PH | -226   | -2873  | -0.07% | -0.002% |
| 55 | 5.241 | 5.214 | 5.268 | PH | -148   | -8398  | -0.20% | -0.005% |
|    |       |       |       |    |        |        |        |         |
| 56 | 5.358 | 5.268 | 5.414 | PH | 7      | -25897 | -0.62% | -0.015% |
| 57 | 5.429 | 5.414 | 5.468 | PH | -279   | -11076 | -0.27% | -0.006% |
| 58 | 5.491 | 5.468 | 5.522 | PH | -101   | -9037  | -0.22% | -0.005% |
| 59 | 5.536 | 5.522 | 5.562 | PH | -78    | -5679  | -0.14% | -0.003% |
| 60 | 5.580 | 5.562 | 5.635 | PH | -76    | -11907 | -0.29% | -0.007% |
|    |       |       |       |    |        |        |        |         |
| 61 | 5.653 | 5.635 | 5.681 | PH | -310   | -9090  | -0.22% | -0.005% |
| 62 | 5.709 | 5.681 | 5.745 | PH | -170   | -11443 | -0.27% | -0.007% |
| 63 | 5.765 | 5.745 | 5.778 | PH | -298   | -7046  | -0.17% | -0.004% |
| 64 | 5.800 | 5.778 | 5.810 | PH | -240   | -5848  | -0.14% | -0.003% |
| 65 | 5.814 | 5.810 | 5.824 | PH | -287   | -2930  | -0.07% | -0.002% |
|    |       |       |       |    |        |        |        |         |
| 66 | 5.845 | 5.824 | 5.858 | PH | -251   | -6663  | -0.16% | -0.004% |
| 67 | 5.862 | 5.858 | 5.872 | PH | -305   | -2783  | -0.07% | -0.002% |
| 68 | 5.882 | 5.872 | 5.932 | PH | -295   | -12489 | -0.30% | -0.007% |
| 69 | 5.935 | 5.932 | 5.946 | PH | -283   | -3007  | -0.07% | -0.002% |
| 70 | 5.968 | 5.946 | 5.978 | PH | -260   | -6721  | -0.16% | -0.004% |
|    |       |       |       |    |        |        |        |         |
| 71 | 5.994 | 5.978 | 6.012 | PH | -82    | -5537  | -0.13% | -0.003% |
| 72 | 6.048 | 6.012 | 6.065 | PH | -230   | -10856 | -0.26% | -0.006% |
| 73 | 6.091 | 6.065 | 6.125 | PH | 7529   | 60869  | 1.46%  | 0.035%  |
| 74 | 6.138 | 6.125 | 6.148 | PH | -61    | -2128  | -0.05% | -0.001% |
| 75 | 6.162 | 6.148 | 6.210 | PH | 38     | -5562  | -0.13% | -0.003% |
|    |       |       |       |    |        |        |        |         |
| 76 | 6.232 | 6.210 | 6.260 | PH | 373    | -1625  | -0.04% | -0.001% |
| 77 | 6.306 | 6.260 | 6.343 | PH | -121   | -11153 | -0.27% | -0.006% |
| 78 | 6.373 | 6.343 | 6.421 | PH | -16    | -8909  | -0.21% | -0.005% |
| 79 | 6.444 | 6.421 | 6.460 | PH | -106   | -4418  | -0.11% | -0.003% |
| 80 | 6.477 | 6.460 | 6.492 | PH | -75    | -2763  | -0.07% | -0.002% |
|    |       |       |       |    |        |        |        |         |
| 81 | 6.522 | 6.492 | 6.622 | PH | 102    | -20778 | -0.50% | -0.012% |
| 82 | 6.638 | 6.622 | 6.657 | PH | -387   | -9609  | -0.23% | -0.005% |
| 83 | 6.667 | 6.657 | 6.702 | PH | -442   | -14170 | -0.34% | -0.008% |
| 84 | 6.732 | 6.702 | 6.782 | PH | -386   | -24297 | -0.58% | -0.014% |
| 85 | 6.824 | 6.782 | 6.833 | PH | -328   | -14237 | -0.34% | -0.008% |
|    |       |       |       |    |        |        |        |         |
| 86 | 6.846 | 6.833 | 6.879 | PH | -313   | -12018 | -0.29% | -0.007% |
| 87 | 6.901 | 6.879 | 6.917 | PH | -489   | -12036 | -0.29% | -0.007% |
| 88 | 6.928 | 6.917 | 6.952 | PH | -437   | -11044 | -0.26% | -0.006% |
| 89 | 6.999 | 6.952 | 7.071 | PH | -147   | -27904 | -0.67% | -0.016% |

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

|     |       |       |       |    | rt    | Area   | Height | Area%   | Height% |
|-----|-------|-------|-------|----|-------|--------|--------|---------|---------|
| 90  | 7.085 | 7.071 | 7.108 | PH | -351  | -9193  | -0.22% | -0.005% |         |
| 91  | 7.148 | 7.108 | 7.169 | PH | 1278  | 176    | 0.00%  | 0.000%  |         |
| 92  | 7.189 | 7.169 | 7.210 | PH | -201  | -8721  | -0.21% | -0.005% |         |
| 93  | 7.218 | 7.210 | 7.259 | PH | -379  | -13758 | -0.33% | -0.008% |         |
| 94  | 7.285 | 7.259 | 7.304 | PH | 745   | -3452  | -0.08% | -0.002% |         |
| 95  | 7.321 | 7.304 | 7.336 | PH | -376  | -8927  | -0.21% | -0.005% |         |
| 96  | 7.349 | 7.336 | 7.358 | PH | -486  | -6719  | -0.16% | -0.004% |         |
| 97  | 7.369 | 7.358 | 7.395 | PH | -491  | -11721 | -0.28% | -0.007% |         |
| 98  | 7.445 | 7.395 | 7.466 | PH | -299  | -21850 | -0.52% | -0.012% |         |
| 99  | 7.491 | 7.466 | 7.511 | PH | -527  | -15811 | -0.38% | -0.009% |         |
| 100 | 7.522 | 7.511 | 7.551 | PH | -547  | -14261 | -0.34% | -0.008% |         |
| 101 | 7.589 | 7.551 | 7.602 | PH | -391  | -15771 | -0.38% | -0.009% |         |
| 102 | 7.617 | 7.602 | 7.658 | PH | -395  | -17827 | -0.43% | -0.010% |         |
| 103 | 7.663 | 7.658 | 7.715 | PH | -564  | -21688 | -0.52% | -0.012% |         |
| 104 | 7.736 | 7.715 | 7.775 | PH | -368  | -19240 | -0.46% | -0.011% |         |
| 105 | 7.788 | 7.775 | 7.815 | PH | -548  | -13894 | -0.33% | -0.008% |         |
| 106 | 7.834 | 7.815 | 7.850 | PH | -492  | -11702 | -0.28% | -0.007% |         |
| 107 | 7.874 | 7.850 | 7.892 | PH | 415   | -4166  | -0.10% | -0.002% |         |
| 108 | 7.902 | 7.892 | 7.922 | PH | -225  | -6371  | -0.15% | -0.004% |         |
| 109 | 7.940 | 7.922 | 7.962 | PH | -336  | -10585 | -0.25% | -0.006% |         |
| 110 | 7.971 | 7.962 | 7.991 | PH | -414  | -8488  | -0.20% | -0.005% |         |
| 111 | 8.043 | 7.991 | 8.108 | PH | 588   | -17797 | -0.43% | -0.010% |         |
| 112 | 8.141 | 8.108 | 8.187 | PH | 297   | -11602 | -0.28% | -0.007% |         |
| 113 | 8.214 | 8.187 | 8.227 | PH | -194  | -8731  | -0.21% | -0.005% |         |
| 114 | 8.247 | 8.227 | 8.258 | PH | 1427  | 9276   | 0.22%  | 0.005%  |         |
| 115 | 8.284 | 8.258 | 8.342 | HH | 49083 | 567221 | 13.60% | 0.323%  |         |
| 116 | 8.379 | 8.342 | 8.405 | PH | 24995 | 227590 | 5.46%  | 0.130%  |         |
| 117 | 8.433 | 8.405 | 8.504 | HH | 9530  | 91718  | 2.20%  | 0.052%  |         |
| 118 | 8.522 | 8.504 | 8.554 | PH | 62    | -9573  | -0.23% | -0.005% |         |
| 119 | 8.570 | 8.554 | 8.586 | PH | -299  | -7907  | -0.19% | -0.005% |         |
| 120 | 8.600 | 8.586 | 8.619 | PH | -301  | -8750  | -0.21% | -0.005% |         |
| 121 | 8.628 | 8.619 | 8.639 | PH | -495  | -6156  | -0.15% | -0.004% |         |
| 122 | 8.680 | 8.639 | 8.704 | PH | 336   | -8575  | -0.21% | -0.005% |         |
| 123 | 8.729 | 8.704 | 8.753 | PH | 7195  | 62410  | 1.50%  | 0.036%  |         |
| 124 | 8.774 | 8.753 | 8.817 | PH | 481   | 2919   | 0.07%  | 0.002%  |         |
| 125 | 8.852 | 8.817 | 8.869 | PH | 245   | -2560  | -0.06% | -0.001% |         |
| 126 | 8.885 | 8.869 | 8.928 | PH | 186   | -4525  | -0.11% | -0.003% |         |
| 127 | 8.970 | 8.928 | 8.985 | PH | 1937  | 16408  | 0.39%  | 0.009%  |         |
| 128 | 9.001 | 8.985 | 9.021 | HH | 3052  | 26535  | 0.64%  | 0.015%  |         |
| 129 | 9.042 | 9.021 | 9.072 | PH | 1697  | 15154  | 0.36%  | 0.009%  |         |
| 130 | 9.092 | 9.072 | 9.112 | PH | 72    | -3527  | -0.08% | -0.002% |         |
| 131 | 9.139 | 9.112 | 9.162 | PH | 2122  | 16773  | 0.40%  | 0.010%  |         |
| 132 | 9.178 | 9.162 | 9.215 | PH | 1266  | 5317   | 0.13%  | 0.003%  |         |
| 133 | 9.234 | 9.215 | 9.260 | PH | -233  | -10600 | -0.25% | -0.006% |         |
| 134 | 9.294 | 9.260 | 9.310 | PH | 1116  | 4162   | 0.10%  | 0.002%  |         |
| 135 | 9.325 | 9.310 | 9.357 | PH | 1029  | 2286   | 0.05%  | 0.001%  |         |
| 136 | 9.378 | 9.357 | 9.398 | PH | 341   | -2406  | -0.06% | -0.001% |         |
| 137 | 9.430 | 9.398 | 9.453 | PH | 1422  | 11410  | 0.27%  | 0.007%  |         |
| 138 | 9.472 | 9.453 | 9.487 | PH | 344   | -7     | -0.00% | -0.000% |         |
| 139 | 9.513 | 9.487 | 9.568 | PH | 8451  | 95114  | 2.28%  | 0.054%  |         |
| 140 | 9.593 | 9.568 | 9.617 | HH | 1710  | 21964  | 0.53%  | 0.013%  |         |
| 141 | 9.635 | 9.617 | 9.645 | HH | 1901  | 18467  | 0.44%  | 0.011%  |         |

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

| rteres |        |        |        |    |        |         |        |         |  |
|--------|--------|--------|--------|----|--------|---------|--------|---------|--|
| 142    | 9.664  | 9.645  | 9.705  | HH | 4775   | 66193   | 1.59%  | 0.038%  |  |
| 143    | 9.724  | 9.705  | 9.756  | HH | 2489   | 29211   | 0.70%  | 0.017%  |  |
| 144    | 9.776  | 9.756  | 9.810  | HH | 555    | 6223    | 0.15%  | 0.004%  |  |
| 145    | 9.836  | 9.810  | 9.878  | PH | 3811   | 49206   | 1.18%  | 0.028%  |  |
| 146    | 9.888  | 9.878  | 9.901  | HH | 595    | 5358    | 0.13%  | 0.003%  |  |
| 147    | 9.935  | 9.901  | 9.979  | HH | 4670   | 92605   | 2.22%  | 0.053%  |  |
| 148    | 9.999  | 9.979  | 10.019 | PH | 987    | 11440   | 0.27%  | 0.007%  |  |
| 149    | 10.032 | 10.019 | 10.050 | HH | 609    | 5333    | 0.13%  | 0.003%  |  |
| 150    | 10.073 | 10.050 | 10.181 | PH | 6066   | 69830   | 1.67%  | 0.040%  |  |
| 151    | 10.201 | 10.181 | 10.215 | PH | 88     | -1230   | -0.03% | -0.001% |  |
| 152    | 10.231 | 10.215 | 10.240 | PH | 82     | -1      | -0.00% | -0.000% |  |
| 153    | 10.259 | 10.240 | 10.287 | PH | 1159   | 12067   | 0.29%  | 0.007%  |  |
| 154    | 10.313 | 10.287 | 10.332 | PH | 1298   | 16407   | 0.39%  | 0.009%  |  |
| 155    | 10.369 | 10.332 | 10.378 | HH | 2582   | 36893   | 0.88%  | 0.021%  |  |
| 156    | 10.397 | 10.378 | 10.418 | HH | 6191   | 80798   | 1.94%  | 0.046%  |  |
| 157    | 10.436 | 10.418 | 10.478 | HH | 4379   | 60802   | 1.46%  | 0.035%  |  |
| 158    | 10.514 | 10.478 | 10.547 | HH | 4919   | 96105   | 2.30%  | 0.055%  |  |
| 159    | 10.565 | 10.547 | 10.626 | HH | 6241   | 120548  | 2.89%  | 0.069%  |  |
| 160    | 10.656 | 10.626 | 10.668 | HH | 2870   | 48405   | 1.16%  | 0.028%  |  |
| 161    | 10.685 | 10.668 | 10.698 | HH | 5396   | 66740   | 1.60%  | 0.038%  |  |
| 162    | 10.719 | 10.698 | 10.740 | HH | 8963   | 141999  | 3.41%  | 0.081%  |  |
| 163    | 10.747 | 10.740 | 10.777 | HH | 3348   | 53985   | 1.29%  | 0.031%  |  |
| 164    | 10.812 | 10.777 | 10.834 | HH | 4559   | 96628   | 2.32%  | 0.055%  |  |
| 165    | 10.855 | 10.834 | 10.870 | HH | 1999   | 34377   | 0.82%  | 0.020%  |  |
| 166    | 10.919 | 10.870 | 10.960 | HH | 192806 | 2067985 | 49.60% | 1.179%  |  |
| 167    | 10.993 | 10.960 | 11.036 | HH | 50301  | 588699  | 14.12% | 0.336%  |  |
| 168    | 11.044 | 11.036 | 11.061 | HH | 1849   | 23479   | 0.56%  | 0.013%  |  |
| 169    | 11.097 | 11.061 | 11.118 | HH | 2031   | 55843   | 1.34%  | 0.032%  |  |
| 170    | 11.133 | 11.118 | 11.148 | HH | 1598   | 25654   | 0.62%  | 0.015%  |  |
| 171    | 11.165 | 11.148 | 11.183 | HH | 2240   | 37894   | 0.91%  | 0.022%  |  |
| 172    | 11.204 | 11.183 | 11.248 | HH | 6671   | 125518  | 3.01%  | 0.072%  |  |
| 173    | 11.278 | 11.248 | 11.295 | HH | 2626   | 52571   | 1.26%  | 0.030%  |  |
| 174    | 11.316 | 11.295 | 11.338 | HH | 3384   | 70690   | 1.70%  | 0.040%  |  |
| 175    | 11.363 | 11.338 | 11.382 | HH | 3137   | 65049   | 1.56%  | 0.037%  |  |
| 176    | 11.456 | 11.382 | 11.485 | HH | 9970   | 268512  | 6.44%  | 0.153%  |  |
| 177    | 11.518 | 11.485 | 11.541 | HH | 5861   | 111392  | 2.67%  | 0.064%  |  |
| 178    | 11.570 | 11.541 | 11.593 | HH | 6489   | 122436  | 2.94%  | 0.070%  |  |
| 179    | 11.610 | 11.593 | 11.633 | HH | 4628   | 74587   | 1.79%  | 0.043%  |  |
| 180    | 11.650 | 11.633 | 11.659 | HH | 2345   | 33542   | 0.80%  | 0.019%  |  |
| 181    | 11.674 | 11.659 | 11.693 | HH | 2642   | 47614   | 1.14%  | 0.027%  |  |
| 182    | 11.723 | 11.693 | 11.737 | HH | 43493  | 485078  | 11.63% | 0.277%  |  |
| 183    | 11.753 | 11.737 | 11.793 | HH | 52704  | 641954  | 15.40% | 0.366%  |  |
| 184    | 11.838 | 11.793 | 11.855 | HH | 33533  | 628536  | 15.07% | 0.358%  |  |
| 185    | 11.871 | 11.855 | 11.885 | HH | 30171  | 344872  | 8.27%  | 0.197%  |  |
| 186    | 11.901 | 11.885 | 11.932 | HH | 41660  | 522556  | 12.53% | 0.298%  |  |
| 187    | 11.943 | 11.932 | 11.951 | HH | 2267   | 24012   | 0.58%  | 0.014%  |  |
| 188    | 11.975 | 11.951 | 11.996 | HH | 3886   | 78777   | 1.89%  | 0.045%  |  |
| 189    | 12.037 | 11.996 | 12.052 | HH | 4691   | 118293  | 2.84%  | 0.067%  |  |
| 190    | 12.075 | 12.052 | 12.096 | HH | 13988  | 203232  | 4.87%  | 0.116%  |  |
| 191    | 12.112 | 12.096 | 12.148 | HH | 6455   | 145365  | 3.49%  | 0.083%  |  |
| 192    | 12.159 | 12.148 | 12.168 | HH | 3565   | 39898   | 0.96%  | 0.023%  |  |
| 193    | 12.194 | 12.168 | 12.242 | HH | 31607  | 480274  | 11.52% | 0.274%  |  |
| 194    | 12.251 | 12.242 | 12.264 | HH | 4891   | 62614   | 1.50%  | 0.036%  |  |

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

|     |        |        |        |    | rt     | Area    | Area%   | Height |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 195 | 12.285 | 12.264 | 12.318 | HH | 28345  | 421621  | 10.11%  | 0.240% |
| 196 | 12.342 | 12.318 | 12.363 | HH | 11176  | 206144  | 4.94%   | 0.118% |
| 197 | 12.373 | 12.363 | 12.385 | HH | 5027   | 63302   | 1.52%   | 0.036% |
| 198 | 12.398 | 12.385 | 12.411 | HH | 5742   | 81011   | 1.94%   | 0.046% |
| 199 | 12.445 | 12.411 | 12.495 | HH | 12027  | 363454  | 8.72%   | 0.207% |
| 200 | 12.514 | 12.495 | 12.551 | HH | 15826  | 320105  | 7.68%   | 0.182% |
| 201 | 12.572 | 12.551 | 12.603 | HH | 16777  | 315433  | 7.56%   | 0.180% |
| 202 | 12.625 | 12.603 | 12.645 | HH | 36689  | 506246  | 12.14%  | 0.289% |
| 203 | 12.661 | 12.645 | 12.674 | HH | 16898  | 257296  | 6.17%   | 0.147% |
| 204 | 12.687 | 12.674 | 12.708 | HH | 18174  | 273190  | 6.55%   | 0.156% |
| 205 | 12.744 | 12.708 | 12.783 | HH | 360442 | 4169653 | 100.00% | 2.377% |
| 206 | 12.800 | 12.783 | 12.818 | HH | 5867   | 103238  | 2.48%   | 0.059% |
| 207 | 12.839 | 12.818 | 12.847 | HH | 6549   | 92523   | 2.22%   | 0.053% |
| 208 | 12.900 | 12.847 | 12.914 | HH | 15695  | 398319  | 9.55%   | 0.227% |
| 209 | 12.929 | 12.914 | 12.995 | HH | 19190  | 599206  | 14.37%  | 0.342% |
| 210 | 13.043 | 12.995 | 13.065 | HH | 333543 | 3841358 | 92.13%  | 2.190% |
| 211 | 13.096 | 13.065 | 13.112 | HH | 41794  | 692707  | 16.61%  | 0.395% |
| 212 | 13.127 | 13.112 | 13.158 | HH | 38326  | 533377  | 12.79%  | 0.304% |
| 213 | 13.178 | 13.158 | 13.192 | HH | 8448   | 144120  | 3.46%   | 0.082% |
| 214 | 13.212 | 13.192 | 13.228 | HH | 18972  | 274703  | 6.59%   | 0.157% |
| 215 | 13.241 | 13.228 | 13.267 | HH | 13448  | 213940  | 5.13%   | 0.122% |
| 216 | 13.306 | 13.267 | 13.325 | HH | 23099  | 413230  | 9.91%   | 0.236% |
| 217 | 13.340 | 13.325 | 13.357 | HH | 14068  | 222731  | 5.34%   | 0.127% |
| 218 | 13.374 | 13.357 | 13.399 | HH | 13067  | 251105  | 6.02%   | 0.143% |
| 219 | 13.437 | 13.399 | 13.455 | HH | 18116  | 356352  | 8.55%   | 0.203% |
| 220 | 13.466 | 13.455 | 13.474 | HH | 10491  | 112471  | 2.70%   | 0.064% |
| 221 | 13.499 | 13.474 | 13.568 | HH | 35676  | 929525  | 22.29%  | 0.530% |
| 222 | 13.629 | 13.568 | 13.667 | HH | 73564  | 1435942 | 34.44%  | 0.819% |
| 223 | 13.696 | 13.667 | 13.711 | HH | 12588  | 262636  | 6.30%   | 0.150% |
| 224 | 13.737 | 13.711 | 13.758 | HH | 42065  | 672619  | 16.13%  | 0.383% |
| 225 | 13.776 | 13.758 | 13.798 | HH | 41978  | 583783  | 14.00%  | 0.333% |
| 226 | 13.819 | 13.798 | 13.845 | HH | 19464  | 392326  | 9.41%   | 0.224% |
| 227 | 13.907 | 13.845 | 13.928 | HH | 40068  | 1048165 | 25.14%  | 0.598% |
| 228 | 13.947 | 13.928 | 13.987 | HH | 37969  | 651293  | 15.62%  | 0.371% |
| 229 | 14.019 | 13.987 | 14.041 | HH | 16439  | 389703  | 9.35%   | 0.222% |
| 230 | 14.056 | 14.041 | 14.072 | HH | 11040  | 194181  | 4.66%   | 0.111% |
| 231 | 14.081 | 14.072 | 14.099 | HH | 10635  | 169767  | 4.07%   | 0.097% |
| 232 | 14.113 | 14.099 | 14.127 | HH | 10742  | 168294  | 4.04%   | 0.096% |
| 233 | 14.138 | 14.127 | 14.197 | HH | 10146  | 373241  | 8.95%   | 0.213% |
| 234 | 14.215 | 14.197 | 14.251 | HH | 10394  | 280155  | 6.72%   | 0.160% |
| 235 | 14.269 | 14.251 | 14.284 | HH | 9961   | 171165  | 4.11%   | 0.098% |
| 236 | 14.324 | 14.284 | 14.344 | HH | 20893  | 584033  | 14.01%  | 0.333% |
| 237 | 14.362 | 14.344 | 14.396 | HH | 34348  | 616339  | 14.78%  | 0.351% |
| 238 | 14.445 | 14.396 | 14.454 | HH | 17292  | 450700  | 10.81%  | 0.257% |
| 239 | 14.468 | 14.454 | 14.501 | HH | 18670  | 413483  | 9.92%   | 0.236% |
| 240 | 14.544 | 14.501 | 14.584 | HH | 29756  | 940613  | 22.56%  | 0.536% |
| 241 | 14.608 | 14.584 | 14.631 | HH | 64545  | 961416  | 23.06%  | 0.548% |
| 242 | 14.665 | 14.631 | 14.700 | HH | 37578  | 875616  | 21.00%  | 0.499% |
| 243 | 14.733 | 14.700 | 14.747 | HH | 15415  | 356535  | 8.55%   | 0.203% |
| 244 | 14.782 | 14.747 | 14.852 | HH | 50775  | 1343917 | 32.23%  | 0.766% |
| 245 | 14.872 | 14.852 | 14.890 | HH | 18952  | 328957  | 7.89%   | 0.188% |
| 246 | 14.922 | 14.890 | 14.942 | HH | 205755 | 2656103 | 63.70%  | 1.514% |

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

|     |        |        |        |    | rtures |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 14.963 | 14.942 | 14.993 | HH | 191070 | 2489736 | 59.71% | 1.419% |
| 248 | 15.009 | 14.993 | 15.037 | HH | 15686  | 340214  | 8.16%  | 0.194% |
| 249 | 15.083 | 15.037 | 15.135 | HH | 52448  | 1275364 | 30.59% | 0.727% |
| 250 | 15.158 | 15.135 | 15.194 | HH | 21783  | 532180  | 12.76% | 0.303% |
| 251 | 15.221 | 15.194 | 15.247 | HH | 22142  | 537701  | 12.90% | 0.307% |
| 252 | 15.264 | 15.247 | 15.320 | HH | 21540  | 712615  | 17.09% | 0.406% |
| 253 | 15.363 | 15.320 | 15.424 | HH | 38166  | 1148949 | 27.56% | 0.655% |
| 254 | 15.438 | 15.424 | 15.452 | HH | 12351  | 202318  | 4.85%  | 0.115% |
| 255 | 15.464 | 15.452 | 15.474 | HH | 12464  | 163707  | 3.93%  | 0.093% |
| 256 | 15.507 | 15.474 | 15.526 | HH | 17079  | 454160  | 10.89% | 0.259% |
| 257 | 15.552 | 15.526 | 15.570 | HH | 22436  | 457366  | 10.97% | 0.261% |
| 258 | 15.594 | 15.570 | 15.615 | HH | 57956  | 915759  | 21.96% | 0.522% |
| 259 | 15.632 | 15.615 | 15.655 | HH | 32375  | 535642  | 12.85% | 0.305% |
| 260 | 15.676 | 15.655 | 15.695 | HH | 23235  | 447053  | 10.72% | 0.255% |
| 261 | 15.756 | 15.695 | 15.792 | HH | 39693  | 1408330 | 33.78% | 0.803% |
| 262 | 15.834 | 15.792 | 15.862 | HH | 23776  | 694568  | 16.66% | 0.396% |
| 263 | 15.875 | 15.862 | 15.897 | HH | 13685  | 275567  | 6.61%  | 0.157% |
| 264 | 15.918 | 15.897 | 15.932 | HH | 20425  | 348853  | 8.37%  | 0.199% |
| 265 | 15.946 | 15.932 | 15.970 | HH | 19945  | 365270  | 8.76%  | 0.208% |
| 266 | 16.014 | 15.970 | 16.052 | HH | 20102  | 749789  | 17.98% | 0.427% |
| 267 | 16.095 | 16.052 | 16.111 | HH | 13329  | 432271  | 10.37% | 0.246% |
| 268 | 16.124 | 16.111 | 16.138 | HH | 13454  | 208970  | 5.01%  | 0.119% |
| 269 | 16.153 | 16.138 | 16.163 | HH | 12528  | 183829  | 4.41%  | 0.105% |
| 270 | 16.201 | 16.163 | 16.221 | HH | 21453  | 566395  | 13.58% | 0.323% |
| 271 | 16.231 | 16.221 | 16.245 | HH | 15702  | 206378  | 4.95%  | 0.118% |
| 272 | 16.264 | 16.245 | 16.284 | HH | 20305  | 385944  | 9.26%  | 0.220% |
| 273 | 16.307 | 16.284 | 16.331 | HH | 19186  | 484329  | 11.62% | 0.276% |
| 274 | 16.406 | 16.331 | 16.433 | HH | 27055  | 1180683 | 28.32% | 0.673% |
| 275 | 16.484 | 16.433 | 16.502 | HH | 190347 | 3117420 | 74.76% | 1.777% |
| 276 | 16.510 | 16.502 | 16.542 | HH | 92018  | 1130331 | 27.11% | 0.644% |
| 277 | 16.565 | 16.542 | 16.584 | HH | 15945  | 375994  | 9.02%  | 0.214% |
| 278 | 16.611 | 16.584 | 16.634 | HH | 53702  | 892200  | 21.40% | 0.509% |
| 279 | 16.650 | 16.634 | 16.692 | HH | 21799  | 633507  | 15.19% | 0.361% |
| 280 | 16.701 | 16.692 | 16.712 | HH | 16050  | 187408  | 4.49%  | 0.107% |
| 281 | 16.734 | 16.712 | 16.750 | HH | 21163  | 420439  | 10.08% | 0.240% |
| 282 | 16.804 | 16.750 | 16.832 | HH | 126437 | 2514194 | 60.30% | 1.433% |
| 283 | 16.863 | 16.832 | 16.908 | HH | 185939 | 2769597 | 66.42% | 1.579% |
| 284 | 16.962 | 16.908 | 16.991 | HH | 58370  | 1343839 | 32.23% | 0.766% |
| 285 | 17.011 | 16.991 | 17.053 | HH | 22663  | 724125  | 17.37% | 0.413% |
| 286 | 17.104 | 17.053 | 17.145 | HH | 27383  | 1189318 | 28.52% | 0.678% |
| 287 | 17.164 | 17.145 | 17.183 | HH | 20253  | 421116  | 10.10% | 0.240% |
| 288 | 17.226 | 17.183 | 17.295 | HH | 38904  | 1694970 | 40.65% | 0.966% |
| 289 | 17.323 | 17.295 | 17.337 | HH | 23420  | 503158  | 12.07% | 0.287% |
| 290 | 17.360 | 17.337 | 17.372 | HH | 26892  | 503082  | 12.07% | 0.287% |
| 291 | 17.386 | 17.372 | 17.426 | HH | 28019  | 784386  | 18.81% | 0.447% |
| 292 | 17.445 | 17.426 | 17.463 | HH | 27279  | 537294  | 12.89% | 0.306% |
| 293 | 17.473 | 17.463 | 17.493 | HH | 23090  | 387546  | 9.29%  | 0.221% |
| 294 | 17.519 | 17.493 | 17.544 | HH | 32388  | 778084  | 18.66% | 0.444% |
| 295 | 17.558 | 17.544 | 17.598 | HH | 23816  | 674378  | 16.17% | 0.384% |
| 296 | 17.633 | 17.598 | 17.659 | HH | 23137  | 757142  | 18.16% | 0.432% |
| 297 | 17.675 | 17.659 | 17.684 | HH | 18479  | 270668  | 6.49%  | 0.154% |
| 298 | 17.704 | 17.684 | 17.722 | HH | 20682  | 439378  | 10.54% | 0.250% |
| 299 | 17.736 | 17.722 | 17.749 | HH | 18566  | 297039  | 7.12%  | 0.169% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 17.852 | 17.749 | 17.885 | HH | 29055  | 1846902 | 44.29% | 1.053% |
| 301    | 17.911 | 17.885 | 17.927 | HH | 23945  | 561674  | 13.47% | 0.320% |
| 302    | 17.955 | 17.927 | 17.974 | HH | 29266  | 713998  | 17.12% | 0.407% |
| 303    | 17.995 | 17.974 | 18.005 | HH | 29755  | 495600  | 11.89% | 0.283% |
| 304    | 18.018 | 18.005 | 18.048 | HH | 30022  | 693952  | 16.64% | 0.396% |
| 305    | 18.074 | 18.048 | 18.106 | HH | 26175  | 795305  | 19.07% | 0.453% |
| 306    | 18.139 | 18.106 | 18.184 | HH | 48516  | 1433512 | 34.38% | 0.817% |
| 307    | 18.231 | 18.184 | 18.255 | HH | 124582 | 2355958 | 56.50% | 1.343% |
| 308    | 18.272 | 18.255 | 18.299 | HH | 43959  | 960002  | 23.02% | 0.547% |
| 309    | 18.313 | 18.299 | 18.335 | HH | 31645  | 596605  | 14.31% | 0.340% |
| 310    | 18.364 | 18.335 | 18.379 | HH | 51691  | 973536  | 23.35% | 0.555% |
| 311    | 18.395 | 18.379 | 18.454 | HH | 51175  | 1448445 | 34.74% | 0.826% |
| 312    | 18.486 | 18.454 | 18.512 | HH | 121117 | 1942576 | 46.59% | 1.107% |
| 313    | 18.523 | 18.512 | 18.530 | HH | 25519  | 275322  | 6.60%  | 0.157% |
| 314    | 18.569 | 18.530 | 18.585 | HH | 32476  | 940478  | 22.56% | 0.536% |
| 315    | 18.615 | 18.585 | 18.645 | HH | 61682  | 1369189 | 32.84% | 0.781% |
| 316    | 18.680 | 18.645 | 18.699 | HH | 31006  | 872561  | 20.93% | 0.497% |
| 317    | 18.713 | 18.699 | 18.758 | HH | 28112  | 934724  | 22.42% | 0.533% |
| 318    | 18.792 | 18.758 | 18.817 | HH | 31369  | 981683  | 23.54% | 0.560% |
| 319    | 18.841 | 18.817 | 18.857 | HH | 27226  | 634020  | 15.21% | 0.361% |
| 320    | 18.916 | 18.857 | 18.938 | HH | 35101  | 1446531 | 34.69% | 0.825% |
| 321    | 18.959 | 18.938 | 18.977 | HH | 30438  | 689187  | 16.53% | 0.393% |
| 322    | 18.998 | 18.977 | 19.013 | HH | 33881  | 668255  | 16.03% | 0.381% |
| 323    | 19.049 | 19.013 | 19.069 | HH | 36400  | 1135896 | 27.24% | 0.648% |
| 324    | 19.084 | 19.069 | 19.111 | HH | 34959  | 805717  | 19.32% | 0.459% |
| 325    | 19.129 | 19.111 | 19.137 | HH | 30376  | 468651  | 11.24% | 0.267% |
| 326    | 19.163 | 19.137 | 19.238 | HH | 36999  | 1921948 | 46.09% | 1.096% |
| 327    | 19.273 | 19.238 | 19.297 | HH | 33301  | 1069744 | 25.66% | 0.610% |
| 328    | 19.328 | 19.297 | 19.362 | HH | 31128  | 1147461 | 27.52% | 0.654% |
| 329    | 19.375 | 19.362 | 19.394 | HH | 29285  | 563633  | 13.52% | 0.321% |
| 330    | 19.405 | 19.394 | 19.413 | HH | 28280  | 304657  | 7.31%  | 0.174% |
| 331    | 19.464 | 19.413 | 19.482 | HH | 31807  | 1226744 | 29.42% | 0.699% |
| 332    | 19.502 | 19.482 | 19.522 | HH | 32435  | 739482  | 17.73% | 0.422% |
| 333    | 19.572 | 19.522 | 19.604 | HH | 39471  | 1625649 | 38.99% | 0.927% |
| 334    | 19.642 | 19.604 | 19.672 | HH | 70796  | 1883613 | 45.17% | 1.074% |
| 335    | 19.709 | 19.672 | 19.740 | HH | 64099  | 1943017 | 46.60% | 1.108% |
| 336    | 19.761 | 19.740 | 19.781 | HH | 44651  | 1013493 | 24.31% | 0.578% |
| 337    | 19.797 | 19.781 | 19.819 | HH | 43286  | 944060  | 22.64% | 0.538% |
| 338    | 19.832 | 19.819 | 19.869 | HH | 39950  | 1095380 | 26.27% | 0.624% |
| 339    | 19.893 | 19.869 | 19.904 | HH | 34802  | 696909  | 16.71% | 0.397% |
| 340    | 19.924 | 19.904 | 19.951 | HH | 40583  | 1030336 | 24.71% | 0.587% |
| 341    | 20.020 | 19.951 | 20.048 | HH | 79580  | 2857632 | 68.53% | 1.629% |
| 342    | 20.087 | 20.048 | 20.132 | HH | 54399  | 2243873 | 53.81% | 1.279% |
| 343    | 20.162 | 20.132 | 20.190 | HH | 50403  | 1516485 | 36.37% | 0.864% |
| 344    | 20.212 | 20.190 | 20.242 | HH | 42045  | 1263463 | 30.30% | 0.720% |
| 345    | 20.252 | 20.242 | 20.266 | HH | 41152  | 603477  | 14.47% | 0.344% |
| 346    | 20.289 | 20.266 | 20.329 | HH | 43558  | 1539117 | 36.91% | 0.877% |
| 347    | 20.339 | 20.329 | 20.352 | HH | 39030  | 521462  | 12.51% | 0.297% |
| 348    | 20.367 | 20.352 | 20.414 | HH | 39861  | 1426597 | 34.21% | 0.813% |
| 349    | 20.448 | 20.414 | 20.462 | HH | 38900  | 1074275 | 25.76% | 0.612% |
| 350    | 20.479 | 20.462 | 20.490 | HH | 38838  | 658632  | 15.80% | 0.375% |
| 351    | 20.521 | 20.490 | 20.549 | HH | 40534  | 1409593 | 33.81% | 0.804% |

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

Instrument :  
FID\_G  
ClientSampleId :  
MH-D19

Manual Integrations  
APPROVED

Ankita  
7/1/2020 11:49:26 AM

| rteres |        |        |        |     |       |         |        |        |  |
|--------|--------|--------|--------|-----|-------|---------|--------|--------|--|
| 352    | 20.574 | 20.549 | 20.623 | HH  | 42138 | 1793528 | 43.01% | 1.022% |  |
| 353    | 20.668 | 20.623 | 20.703 | HH  | 40384 | 1854040 | 44.47% | 1.057% |  |
| 354    | 20.716 | 20.703 | 20.759 | HH  | 39114 | 1272204 | 30.51% | 0.725% |  |
| 355    | 20.833 | 20.759 | 20.852 | HH  | 38464 | 2069241 | 49.63% | 1.180% |  |
| 356    | 20.869 | 20.852 | 20.927 | HH  | 38635 | 1717692 | 41.20% | 0.979% |  |
| 357    | 20.979 | 20.927 | 21.002 | HH  | 38864 | 1705061 | 40.89% | 0.972% |  |
| 358    | 21.041 | 21.002 | 21.125 | HH  | 44225 | 2967571 | 71.17% | 1.692% |  |
| 359    | 21.149 | 21.125 | 21.184 | HH  | 38886 | 1319357 | 31.64% | 0.752% |  |
| 360    | 21.263 | 21.184 | 21.292 | HH  | 39870 | 2382334 | 57.14% | 1.358% |  |
| 361    | 21.346 | 21.292 | 21.381 | HH  | 41257 | 2077622 | 49.83% | 1.184% |  |
| 362    | 21.436 | 21.381 | 21.460 | HH  | 53832 | 2184827 | 52.40% | 1.245% |  |
| 363    | 21.473 | 21.460 | 21.580 | HH  | 47160 | 2889126 | 69.29% | 1.647% |  |
| 364    | 21.606 | 21.580 | 21.628 | HH  | 38276 | 1059217 | 25.40% | 0.604% |  |
| 365    | 21.653 | 21.628 | 21.699 | HH  | 38637 | 1489998 | 35.73% | 0.849% |  |
| 366    | 21.745 | 21.699 | 21.790 | HH  | 47050 | 2134151 | 51.18% | 1.217% |  |
| 367    | 21.828 | 21.790 | 21.857 | HH  | 47958 | 1643699 | 39.42% | 0.937% |  |
| 368    | 21.880 | 21.857 | 21.905 | HH  | 42132 | 1155905 | 27.72% | 0.659% |  |
| 369    | 21.932 | 21.905 | 21.952 | HH  | 43801 | 1157692 | 27.76% | 0.660% |  |
| 370    | 21.972 | 21.952 | 22.002 | HHA | 42511 | 1216503 | 29.18% | 0.693% |  |

Sum of corrected areas: 175418749

FG061520.M wed Jul 01 08:19:21 2020